L Number	Hits	Search Text	DB	Time stamp
-	0	5474682.pn 1 and - 1 1 - 0 1 - in	USPAT;	2004/05/25 14:23
	<u> </u>	land equily of and in	US-PGPUB	2004/05/25 14.25
	G	5474682.URPN. Gare W.	USPAT	2004/06/21 16:24
-	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			2004/05/21 15:34
-	ې	"("4183810" "4384956" "4519912" "5227069" "5269929").PN.	USPAT	2004/05/21 15:31
-		"819756"	DERWENT	2004/05/21 13:34
-	(リ	6217766.pn 2any capir. of art in	USPAT;	2004/05/21 15:55
	À	parent	US-PGPUB	
-	\mathcal{Q}	6217766.URPN.	USPAT	2004/05/21 15:55
-	(11)	("4124501" "4200523" "4584271" "4614588" "4839052"	USPAT	2004/05/21 15:56
		"4966704" "5496729" "5518619" "5587079" "5637220"		
		"5891408").PN.		
	280	"hydraulic retention time"	USPAT;	2004/05/25 12:09
	_		US-PGPUB	
.	(9)	"hydraulic retention time"/.ab.	USPAT:	2004/05/25 12:11
	×		US-PGPUB	200 11 05 25 12 11
.	(271)	"hydraulic retention time" not "hydraulic retention time"/.ab.	USPAT:	2004/05/25 12:11
-		hydraune retention time not hydraune retention time 7.40.		2004/03/23 12:11
	66145	427/S colo	US-PGPUB	2004/06/25 12 12
•	00143	423/\$.ccls.	USPAT;	2004/05/25 12:12
		701 1 12 4 22 21 10 10 1 12 1	US-PGPUB	
•	(4)	("hydraulic retention time" not "hydraulic retention time"/.ab.) and	USPAT;	2004/05/25 12:12
		423/\$.ccls.	US-PGPUB	
٠	(1)	6387669.pn. (on 1449)	USPAT;	2004/05/25 14:23
	\sim	()	US-PGPUB	
.	(8)	("4200523" "4354937" "4614588" "4735723" "5196176"	USPAT	2004/05/25 14:23
	\sim	"5338460" "5554290" "5587079").PN.	1	
	(o)	6387669.URPN.	USPAT	2004/05/25 14:24
	13473	(residence or retention) adj time\$	EPO; JPO;	2004/05/25 15:50
		(**************************************	DERWENT	200 1/05/25 15:50
.	13553	(residence or retention) adj time\$	EPO; JPO;	2004/05/25 15:41
·	13333	(residence of retention) adjunies		2004/03/23 13:41
			DERWENT;	
	1270	1 and	IBM_TDB	
•	1278	hrt	EPO; JPO;	2004/05/25 15:59
-	.		DERWENT;	
			IBM_TDB	
-	14815	((residence or retention) adj time\$) or hrt	EPO; JPO;	2004/05/25 15:41
	l		DERWENT;	
			IBM_TDB	
.	16486	anaerobic\$ or "an aerobic\$"	EPO; JPO;	2004/05/25 15:51
			DERWENT:	
			IBM TDB	
.	(262)	(((residence or retention) adj time\$) or hrt) and (anaerobic\$ or "an	EPO; JPO;	2004/05/25 15:44
	المقت	aerobics")	DERWENT;	2007/03/23 13.44
	-	with the second of the second		
	96777	Could de Coulside	IBM_TDB	2004/05/25 15 55
•	86777	\$sulfide\$ \$sulphide\$	EPO; JPO;	2004/05/25 15:52
			DERWENT;	1
	\bigcirc		IBM_TDB	
-	(5)	((((residence or retention) adj time\$) or hrt) and (anaerobic\$ or "an	EPO; JPO;	2004/05/25 15:48
		aerobic\$")) and (\$sulfide\$ \$sulphide\$)	DERWENT;	İ
			IBM_TDB	
.	(257)	((((residence or retention) adj time\$) or hrt) and (anaerobic\$ or "an	EPO; JPO;	2004/05/25 15:48
1	\mathcal{L}	aerobic\$")) not (((((residence or retention) adj time\$) or hrt) and	DERWENT;	
	4	(anaerobic\$ or "an aerobic\$")) and (\$sulfide\$ \$sulphide\$))	IBM TDB	
.	183872	Ssulfur\$ Ssulphur\$	EPO; JPO;	2004/05/25 15:48
			DERWENT;	2307103123 13,40
			IBM TDB	
.	(3)	(((((residence or retention) adj time\$) or hrt) and (anaerobic\$ or "an		2004/05/25 15:40
-	<u>ب</u>		EPO; JPO;	2004/05/25 15:49
		aerobic\$")) not (((((residence or retention) adj time\$) or hrt) and	DERWENT;	
		(anaerobic\$ or "an aerobic\$")) and (\$sulfide\$ \$sulphide\$))) and (\$sulfur\$	IBM_TDB	
	11952	\$sulphur\$)	1100 00	
•	11852	(residence or retention) adj (time or times)	USOCR	2004/05/25 15:59
	459	hrt	USOCR	2004/05/25 15:51
-				
:	12310 1442	((residence or retention) adj (time or times)) or hrt anaerobic\$ or "an aerobic\$"	USOCR	2004/05/25 15:51

	$\overline{}$			
-	(11	(((residence or retention) adj (time or times)) or hrt) and (anaerobic\$ or "an aerobic\$")	USOCR	2004/05/25 15:52
<u>-</u>	52770	\$sulfide\$ \$sulphide\$	USOCR	2004/05/25 15:52
-	(17)	((((residence or retention) adj (time or times)) or hrt) and (anaerobic\$ or	USOCR	2004/05/25 15:53
	•	"an aerobic\$")) and (\$sulfide\$ \$sulphide\$)		
-	76750	(residence or retention) adj (time or times)	USPAT;	2004/05/25 15:59
			US-PGPUB	
-	914	hrt	USPAT;	2004/05/25 15:59
	22102		US-PGPUB	00041051051550
-	77487	((residence or retention) adj (time or times)) or hrt	USPAT;	2004/05/25 15:59
	17878	anaerobic\$ or "an aerobic\$"	US-PGPUB	2004/05/25 16:00
-	1/0/0	anaerobics of an aerobics	USPAT; US-PGPUB	2004/03/23 10:00
_	2575	(((residence or retention) adj (time or times)) or hrt) and (anaerobic\$ or	USPAT:	2004/05/25 16:00
-	2373	"an aerobic\$")	US-PGPUB	2004/05/25 10:00
_	66145	423/\$.ccls.	USPAT;	2004/05/25 16:14
			US-PGPUB	
-	(74)	((((residence or retention) adj (time or times)) or hrt) and (anaerobic\$ or	USPAT;	2004/05/25 16:00
	<u> </u>	"an aerobic\$")) and 423/\$.ccls.	US-PGPUB	
-	80473	210/\$.ccls.	USPAT;	2004/05/25 16:14
		•	US-PGPUB	
-	1108	((((residence or retention) adj (time or times)) or hrt) and (anaerobic\$ or	USPAT;	2004/05/25 16:15
		"an aerobic\$")) and 210/\$.ccls.	US-PGPUB	
-	301	hydrogensulfide\$ or hydrogensulphide\$	USPAT;	2004/05/25 16:15
		(((()-sid	US-PGPUB	2004/05/25 15 15
-	Ú	(((((residence or retention) adj (time or times)) or hrt) and (anaerobic\$ or "an aerobic\$")) and 210/\$.ccls.) and (hydrogensulfide\$ or	USPAT; US-PGPUB	2004/05/25 16:15
	_	hydrogensulphide\$)	US-FGFUB	
_	6	((((((residence or retention) adj (time or times)) or hrt) and (anaerobic\$ or	USPAT;	2004/05/25 16:16
-	٣	"an aerobic\$")) and 210/\$.ccls.) and (hydrogensulfide\$ or	US-PGPUB	2004/03/23 10:10
		hydrogensulphide\$)) not (((((residence or retention) adj (time or times))		
		or hrt) and (anaerobic\$ or "an aerobic\$")) and 423/\$.ccls.)		
-	29326	hydrogen with (sulfide\$ or sulphide\$)	USPAT;	2004/05/25 16:16
			US-PGPUB	
-	(226)	(((((residence or retention) adj (time or times)) or hrt) and (anaerobic\$ or	USPAT;	2004/05/25 16:16
	•	"an aerobic\$")) and 210/\$.ccls.) and (hydrogen with (sulfide\$ or	US-PGPUB	
	25116	sulphide\$)) hydrogen adj (sulfide\$ or sulphide\$)	USPAT;	2004/05/25 16:16
•	23110	hydrogen adj (surndes of surprides)	US-PGPUB	2004/03/23 10.10
_	(225)	((((((residence or retention) adj (time or times)) or hrt) and (anaerobic\$ or	USPAT;	2004/05/25 16:17
		"an aerobic\$")) and 210/\$.ccls.) and (hydrogen with (sulfide\$ or	US-PGPUB	
		sulphide\$))) and (hydrogen adj (sulfide\$ or sulphide\$))		
-	(224)	(((((((residence or retention) adj (time or times)) or hrt) and (anaerobic\$	USPAT;	2004/05/25 16:17
		or "an aerobic\$")) and 210/\$.ccls.) and (hydrogen with (sulfide\$ or	US-PGPUB	
		sulphide\$))) and (hydrogen adj (sulfide\$ or sulphide\$))) not		
ĺ		((((((residence or retention) adj (time or times)) or hrt) and (anaerobic\$ or		
		"an aerobic\$")) and 210/\$.ccls.) and (hydrogensulfide\$ or hydrogensulphide\$))		
	90295	(retention or residence) adj (time or times)	USPAT;	2004/05/25 18:05
	30230	(10000000000000000000000000000000000000	US-PGPUB;	200 1/00/25 10:05
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	267822	bacteria\$	USPAT;	2004/05/25 17:33
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	622	hacterio\$/ ab ti_alm	IBM_TDB	2004/05/25 17 22
-	633	bacteria\$/.ab,ti.,clm	IBM_TDB USPAT;	2004/05/25 17:33
-	633	bacteria\$/.ab,ti.,clm	IBM_TDB USPAT; US-PGPUB;	2004/05/25 17:33
-	633	bacteria\$/.ab,ti.,clm	IBM_TDB USPAT;	2004/05/25 17:33

-	802961	day or days or week or weeks or month or months	USPAT; US-PGPUB; EPO; JPO;	2004/05/25 18:05
			DERWENT; IBM TDB	
-	4256	((retention or residence) adj (time or times)) same (day or days or week or	USPĀT;	2004/05/25 18:01
		weeks or month or months)	US-PGPUB; EPO: JPO:	
			DERWENT;	
		(((retention or residence) adj (time or times)) same (day or days or week	IBM_TDB USPAT;	2004/05/25 17:34
		or weeks or month or months)) and bacteria\$/.ab,ti.,clm	US-PGPUB;	200 11 00 120 17 10 1
			EPO; JPO; DERWENT;	
	1240),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IBM_TDB	2004/05/25 17:25
1	1348	V(((retention or residence) adj (time or times)) same (day or days or week or month or months)) and bacteria\$	USPAT; US-PGPUB;	2004/05/25 17:35
		<i>"</i>	EPO; JPO; DERWENT;	
			IBM TDB	
Ţ-	7238	bioreactor or bioreactors or bioreacter or bioreacters	USPAT; US-PGPUB	2004/05/25 18:12
-	280	bio adj (reactor or reactors or reacter or reacters)	USPAT;	2004/05/25 18:12
.	7399	(bioreactor or bioreactors or bioreacter or bioreacters) or (bio adj (reactor	US-PGPUB USPAT;	2004/05/25 17:39
	215	or reactors or reacter or reacters)) (((retention or residence) adj (time or times)) same (day or days or week	US-PGPUB USPAT;	2004/05/25 18:13
-	213	or weeks or month or months)) and ((bioreactor or bioreactors or	US-PGPUB	2004/03/23 16:13
		bioreacter or bioreacters) or (bio adj (reactor or reactors or reacter or reacters)))		
-	[190]	((((retention or residence) adj (time or times)) same (day or days or week	USPAT;	2004/05/25 17:58
	~	or weeks or month or months)) and ((bioreactor or bioreactors or bioreacter or bioreacters) or (bio adj (reactor or reactors or reacter or	US-PGPUB	
		reacters)))) and ((((retention or residence) adj (time or times)) same (day or days or week or weeks or month or months)) and bacteria\$)		
	1634	((retention or residence) adj (time or times)) with (day or days or week or	USPAT;	2004/05/25 18:14
		weeks or month or months)	US-PGPUB; EPO; JPO;	
			DERWENT; IBM_TDB	
	(138)	(((retention or residence) adj (time or times)) with (day or days or week	USPAT;	2004/05/25 17:42
		or weeks or month or months)) and ((bioreactor or bioreactors or bioreacter or bioreacters) or (bio adj (reactor or reactors or reacter or	US-PGPUB; EPO; JPO;	
		reacters)))	DERWENT;	
.	(70)	((((((retention or residence) adj (time or times)) same (day or days or week	IBM_TDB USPAT;	2004/05/25 17:58
		or weeks or month or months)) and ((bioreactor or bioreactors or bioreacter or bioreacters) or (bio adj (reactor or reactors or reacter or	US-PGPUB	
		reacters)))) and ((((retention or residence) adj (time or times)) same (day		
		or days or week or weeks or month or months)) and bacteria\$)) not ((((retention or residence) adj (time or times)) with (day or days or week		
		or weeks or month or months)) and ((bioreactor or bioreactors or		
		bioreacter or bioreacters) or (bio adj (reactor or reactors or reacter or reacters))))		
-		((((retention or residence) adj (time or times)) same (day or days or week or weeks or month or months)) and ((bioreactor or bioreactors or	USPAT; US-PGPUB;	2004/05/25 18:01
		bioreacter or bioreacters) or (bio adj (reactor or reactors or reacter or	EPO; JPO;	
		reacters)))) not ((((retention or residence) adj (time or times)) with (day or days or week or weeks or month or months)) and ((bioreactor or	DERWENT; IBM_TDB	
		bioreactors or bioreacter or bioreacters) or (bio adj (reactor or reactors or reacter or reacters))))		
-	13545	(retention or residence) adj (time or times)	EPO; JPO;	2004/05/25 18:05
			DERWENT; IBM_TDB	

-	176202	day or days or week or weeks or month or months	EPO; JPO;	2004/05/25 18:05
			DERWENT;	
)	IBM_TDB	
-	382	((retention or residence) adj (time or times)) and (day or days or week or	EPO; JPO;	2004/05/25 18:05
1	J 02	weeks or month or months)	DERWENT;	
			IBM_TDB	
-	3717	bioreactor or bioreactors or bioreacter or bioreacters	EPO; JPO;	2004/05/25 18:05
			DERWENT;	
	1		IBM_TDB	
	1225	bio adj (reactor or reactors or reacter or reacters)	EPO; JPO;	2004/05/25 18:05
		,	DERWENT;	
			IBM_TDB	
-	4311	(bioreactor or bioreactors or bioreacter or bioreacters) or (bio adj (reactor	EPO; JPO;	2004/05/25 18:06
		or reactors or reacter or reacters))	DERWENT;	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IBM TDB	
l -	63	((retention or residence) adj (time or times)) and ((bioreactor or	EPO; JPO;	2004/05/25 18:10
	1 (3)	bioreactors or bioreacter or bioreacters) or (bio adj (reactor or reactors or	DERWENT:	
1		reacter or reacters)))	IBM TDB	
l -	16	(((retention or residence) adj (time or times)) and (day or days or week or	EPO; JPO;	2004/05/25 18:10
	ー(ツ	weeks or month or months)) and ((bioreactor or bioreactors or bioreacter	DERWENT:	
		or bioreacters) or (bio adj (reactor or reactors or reacter or reacters)))	IBM TDB	
1.	10955	bioreactor or bioreactors or bioreacters	USPAT;	2004/05/25 18:12
-	10,55	biological of biological of biological of biological	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
	1505	bio adj (reactor or reactors or reacter or reacters)	USPAT;	2004/05/25 18:12
1-	1505	bio adj (reactor of reactors of reactor of reactors)	US-PGPUB;	200 1103/23 10.12
			EPO; JPO;	
			DERWENT;	
1			IBM TDB	
	11710	(bioreactor or bioreactors or bioreacter or bioreacters) or (bio adj (reactor	USPAT;	2004/05/25 18:12
-	11710		US-PGPUB;	2004/03/23 18.12
	1	or reactors or reacter or reacters))	EPO; JPO;	
			DERWENT;	
İ	[(m)	(((IBM_TDB	2004/05/25 18:14
1-	(148)	(((retention or residence) adj (time or times)) with (day or days or week	USPAT;	2004/03/23 18:14
1		or weeks or month or months)) and ((bioreactor or bioreactors or	US-PGPUB;	
1	1	bioreacter or bioreacters) or (bio adj (reactor or reactors or reacter or	EPO; JPO;	
1		reacters)))	DERWENT;	
1	I ()	August 2 11 N P. C. S. S. S. S. Marketon 1	IBM_TDB	2004/05/25 18:14
-	(10)	((((retention or residence) adj (time or times)) with (day or days or week	USPAT;	2004/05/25 18:14
		or weeks or month or months)) and ((bioreactor or bioreactors or	US-PGPUB;	
		bioreacter or bioreacters) or (bio adj (reactor or reactors or reacter or	EPO; JPO;	
	1	reacters)))) not ((((retention or residence) adj (time or times)) with (day or	DERWENT;	
		days or week or weeks or month or months)) and ((bioreactor or	IBM_TDB	
1		bioreactors or bioreacter or bioreacters) or (bio adj (reactor or reactors or		
		reacter or reacters))))		

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L Number	Hits	Search Text	DB	Time stamp
-	3330	210/601-619,630,631.ccls.	USPAT;	2004/05/26 15:22
			US-PGPUB	
-	76750	(residence or retention) adj (time or times)	USPAT;	2004/05/26 15:32
			US-PGPUB	
-	1037	210/601-619,630,631.ccls. and ((residence or retention) adj (time or	USPAT;	2004/05/26 15:32
		times))	US-PGPUB	
-	17022	anaerobic or "an aerobic"	USPAT;	2004/05/26 15:23
			US-PGPUB	Α.
-	(752)	(210/601-619,630,631.ccls. and ((residence or retention) adj (time or	USPAT;	2004/05/26 15:23
	-	times))) and (anaerobic or "an aerobic")	US-PGPUB	
-	2333	((residence or retention) adj (time or times)).ab.	USPAT;	2004/05/26 15:26
			US-PGPUB	
-	(45)	((210/601-619,630,631.ccls. and ((residence or retention) adj (time or	USPAT;	2004/05/26 15:26
	_	times))) and (anaerobic or "an aerobic")) and (((residence or retention)	US-PGPUB	
		adj (time or times)).ab.)		
-	42057	(sulfide\$ sulphide\$ sulfur\$ sulphur\$ sulfate\$ sulphate\$).ab.	USPAT;	2004/05/26 15:33
			US-PGPUB	
-	72	(210/601-619,630,631.ccls. and ((residence or retention) adj (time or	USPAT;	2004/05/26 15:33
	\sim	times))) and ((sulfide\$ sulphide\$ sulfur\$ sulphur\$ sulfate\$ sulphate\$).ab.)	US-PGPUB	
-	(2)	((210/601-619,630,631.ccls, and ((residence or retention) adj (time or	USPAT;	2004/05/26 15:34
	_	times))) and ((sulfide\$ sulphide\$ sulfur\$ sulphur\$ sulfate\$	US-PGPUB	
		sulphate\$).ab.)) and (((210/601-619,630,631.ccls. and ((residence or		
		retention) adj (time or times))) and (anaerobic or "an aerobic")) and		
	\sim	(((residence or retention) adj (time or times)).ab.))		
-	(70)	((210/601-619,630,631.ccls. and ((residence or retention) adj (time or	USPAT;	2004/05/26 15:34
		times))) and ((sulfide\$ sulphide\$ sulfur\$ sulphur\$ sulfate\$	US-PGPUB	
		sulphate\$).ab.)) not (((210/601-619,630,631.ccls. and ((residence or		
		retention) adj (time or times))) and ((sulfide\$ sulphide\$ sulfur\$ sulphur\$		
		sulfate\$ sulphate\$).ab.)) and (((210/601-619,630,631.ccls. and		
i l		((residence or retention) adj (time or times))) and (anaerobic or "an		
		aerobic")) and (((residence or retention) adj (time or times)).ab.)))	I	

CEL 5/26